Nebria nivalis gaspesiana (Gaspe Gazelle Beetle)

Report Date: January 13, 2016

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: Insecta (Insects)
Order: Coleoptera (Beetles)

Family: Carabidae (Ground Beetles)

General comments:

In Maine it has only been documented on Katahdin. It is a habitat specialist restricted to alpine/subalpine rock fields and is potentially vulnerable to climate change due to its tie to this habitat.

http://canopy.lifedesks.org/pages/928

Species Conservation Range Maps for Gaspe Gazelle Beetle:

Town Map: <u>Nebria nivalis gaspesiana_Towns.pdf</u>
Subwatershed Map: <u>Nebria nivalis gaspesiana_HUC12.pdf</u>

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern: NA

Recent Significant Declines: NA

Regional Endemic: NA

High Regional Conservation Priority: NA High Climate Change Vulnerability: NA

Understudied rare taxa:

Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. *criteria only qualifies for Priority 3 level SGCN*

Notes:

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Historical: NA

Culturally Significant: NA

Habitats Assigned to Gaspe Gazelle Beetle:

Formation Name Alpine

Macrogroup Name Alpine

Stressors Assigned to Gaspe Gazelle Beetle:

No Stressors Currently Assigned to Gaspe Gazelle Beetle or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Gaspe Gazelle Beetle:

No Species Specific Conservation Actions Currently Assigned to Gaspe Gazelle Beetle or other Priority 3 SGCN.

Guild Level Conservation Actions:

This Species is currently not attributed to a guild.

Broad Taxonomic Group Conservation Actions:

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Relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.